

Research & Analytics

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To Iowa Highway Research Board
Attention Regular and Alternate Members

Date: 11/28/16
Ref. No. 080.31

From Vanessa Goetz
Office Research and Analytics
Subject Board Meeting on December 8, 2016

The Iowa Highway Research Board will meet **on December 8, 2016 at 1:00 p.m. in the East/West Materials Conference Rooms at the Iowa Department of Transportation, 800 Lincoln Way, Ames, Iowa.**

AGENDA

1. **Agenda review/modification**
2. **Minutes Approval from the October 28, 2016 meeting**
3. **Final Report: TR-697, "Prevention and Restoration of Early Joint Deterioration",** Steve Tritsch, Iowa State University, (\$74,551) (15min)
4. **STIC Project Ranking**
 - In Situ Modulus Measurement Using Automated Plate Load Testing (APLT) for Statewide MEPD Implementation
 - GRS Abutment Design for Short Span Box Beam Standards
5. **AID Project Ranking**

For Sub-recipients:

 - Implementation of Iowa Box Beam Bridge Standards Using UHPC Joints (County)

For DOT:

 - Use of Unmanned Aerial Vehicles (UAVs) for Infrastructure Health Monitoring and Management
 - Pavement Foundation Design Modulus Verification for Construction Quality Monitoring
 - US 52 Bridge over Mississippi River Overflow in Sabula
6. **City Outreach**

7. Annual Calendar, Board Membership, Annual Plan Review

8. Additional Continuation Project Requests

Development of Bio-Based Polymers for Use in Asphalt-Phase 2 Study, \$175,000

Optimized Joint Spacing for Concrete Overlays - field demonstration, \$124,000

Load Rating of Short Span Box Beam Standards, \$TBD

9. New business

10. Adjourn

The next meeting of the Iowa Highway Research Board will be held on February 24, 2017 at 9:00 a.m. in the East/West Materials Conference Room at the Iowa DOT.

VG